Document 1 - NYSDEC_Site_Summary_082416

Document 2 - NYSDEC_Site_Summary_041808

Document 3 - DOH_Delist Concurrence_062014

Document 4 - NYSDEC_Ltr_Notification of Delist_092214

Document 5 - NYSDEC_PRR 2013

SUPPORTING DOCUMENT 1

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Environmental Site Remediation Database Search Details

Site Record

Administrative Information

Site Name: U.S. Electroplating Corporation
Site Code: 152027
Program: State Superfund Program
Classification: C
EPA ID Number:

Location

DEC Region: 1
Address: 100 Field Street
City: Babylon Zip: 11704
County: Suffolk
Latitude: 40.7331002
Longitude: -73.38866047
Site Type: STRUCTURE
Estimated Size: 0.1 Acres

Institutional And Engineering Controls

Control Type:
Deed Restriction

Site Owner(s) and Operator(s)

Owner(s) during disposal: U.S. Electroplating Corp.

Hazardous Waste Disposal Period

From: 1971 **To:** 1981

Site Description

Location: The U.S. Electroplating Corporation is an active electroplating facility located at 100 Field Street in West Babylon, NY (Suffolk County). Site Features: The site is comprised of the

facility building, a single story structure, and asphalt parking area. The site is situated in an industrial park, nearby the Babylon Town Landfill and New Montefiore Cemetery. Current Zoning/Use: U.S. Electroplating has owned and operated the facility located at 100 Field Street since 1971. The site is zoned for commercial use and is located in an industrial park surrounded by commercial and industrial facilities. Historic Use: The facility has been electroplating and anodizing metal parts for fabricators since 1971. Site Geology/Hydrogeology: Depth to groundwater at the site is approximately 35' below land surface, depending on seasonal variation. The site specific groundwater flow direction is south/southeast.

Contaminants of Concern (Including Materials Disposed)

Contaminant Name/Type
cadmium
chromium

Site Environmental Assessment

Nature and Extent of Contamination: Prior to Remediation: In 1998, exceedances of the recommended soil cleanup objectives identified in TAGM #4046 existed for cadmium and chromium in subsurface soil. Cadmium levels were as high as 1,230 ppm and chromium levels were as high as 798 ppm. At the time, the soil cleanup objectives (SCOs) specified in TAGM #4046 Appendix A (revised April 1995) for cadmium and chromium was 10 ppm and 50 ppm, respectively. Post Remediation: Under a DEC approved interim remedial measure (IRM), 498.05 tons of contaminated soil was removed from subsurface leaching structures and was disposed of off-site at a permitted disposal facility. Confirmatory end point soil samples revealed cadmium and chromium levels in the range of TAGM #4046 SCOs. Prior to Remediation: SCG exceedances existed for cadmium and chromium in groundwater. Cadmium and chromium levels had been detected as high as 2,000 ppb and 485 ppb, respectively, in groundwater downgradient of the contaminant source area in November 1998 and October 2000. The NYS Groundwater Standard for cadmium is 5 ppb and chromium is 50 ppb. Post Remediation: As a result of the IRM source removal, levels of cadmium and chromium in groundwater have diminished and remain asymptotic. In the most recent sample (October 2013), cadmium was detected at 93.4 ppb and chromium was non detect (detection limit of 10 ppb). The Department issued a Record of Decision for the site in December 2001. In 2005, the site was reclassified to Class 4 (site properly closed, continued management required). A Declaration of Covenants and Restrictions was recorded on May 25, 2004 which prohibits groundwater use,and restricts land use and subsurface excavation. The Department

delisted the site and reclassified it as Class C on September 20, 2014. Periodic review was modified to every five years, whereupon certification will be submitted to the Department as to compliance with the institutional control.

Site Health Assessment

Since this site is covered with asphalt, people will not come into contact with residual contaminated soil. People are not drinking the contaminated groundwater because the area is served by a public water supply that obtains water from a different source. In addition, measures are in place to prevent use of on-site groundwater.

For more Information: E-mail Us

Return To Results

Refine This Search

SUPPORTING DOCUMENT 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
Site Project Summary Report

Site Code	152027	**Site Name**	U.S. Electroplating Corporation		
Classification	04	**Address**	100 Field Street		
Region	1	**City**	Babylon	**Zip**	11704
Latitude	40.73	**Town**	Babylon		
Longitude	-73.39	**County**	Suffolk	**Project Manager**	Jamie Ascher
Site Type	Structure			**Estimated Size**	0.1000

Site Description

U.S. Electroplating Corp. is an active electroplating and anodizing facility. Three buried holding tanks, located east of the existing building, were used as leaching basins at one time and discharged wastes that contained heavy metals into the ground. These tanks were subsequently abandoned and filled with soil in 1981. U.S. Electroplating Corp. investigated the site in 1994 and a Consent Order for an RI/FS was signed in June of 1995. The first Phase of the RI began in October 1995 and found concentrations of heavy metals, exceeding standards, both in the groundwater and in sediments in the storm drains. Interim Remedial Measures (IRMs)were completed to remove contaminated soil/sediment from the storm drains and clean the interior of the storm drains. The second phase of the RI was completed in the fall of 2000 and a final RI Report was submitted in May 2001. The IRMs (contaminated soil removals) resulted in greatly improved groundwater quality due to this source removal. A public meeting for a No Further Action, Proposed Remedial Action Plan (PRAP) was held on October 24, 2001. A No Further Action Record of Decision (ROD) was approved on December 11, 2001. The ROD includes a groundwater monitoring program which the U.S. Electroplating Corp. is implementing. In the Spring of 2005, the site was reclassified to a Class 4, since the site has been properly closed but requires continued groundwater monitoring.
Groundwater monitoring continues to show declining concentrations of cadmium and chromium in a well next to the site, with no detections in wells downgradient of that well (demonstrating that the plume is shrinking). There are no exceedances for the chromium groundwater standard and only one well exceeds the cadmium groundwater standard. Four of the six on-site and off-site monitoring wells were sampled on September 19, 2007 as part of the extended semi-annual post remediation groundwater monitoring program. In well MW-3 the concentration of cadmium decreased from 284 mcg/l to 162 mcg/l and the concentration of chromium decreased from 48.3 mcg/l to 26.3 mcg/l. The level of cadmium in MW-3 is the only well point above the NYSDEC guidance value.

Materials Disposed at Site	Quantity Disposed
HEAVY METALS (COPPER, IRON, LEAD, NICKEL,	13,000 GALLONS
CADMIUM, CHROMIUM)	UNKNOWN
CADMIUM	UNKNOWN
CHROMIUM	UNKNOWN

Analytical Data Available for : Groundwater, Soil, Sediment

Applicable Standards Exceeded for: Groundwater, Drinking Water

Assessment of Environmental Problems

Both groundwater and soils in the vicinity of the site were contaminated primarily with cadmium,

chromium, and zinc due to the discharge of metal plating wastes.
The contaminated soil has been removed through Interim Remedial Measures.
Groundwater contamination continues to decline such that groundwater no longer exceeds the standard for chromium and only one well exceeds the standard for cadmium.

Assessment of Health Problems

Metals at concentrations above cleanup criteria, including cadmium, copper, lead, nickel, and zinc, were detected in sediment samples taken from leaching pits and storm drains located on-site. Levels of volatile organic compounds were below clean-up criteria. The pits and drains were remediated; however, some residual contaminants remain. Exposure to contaminated materials at the site is not expected since these are subsurface and covered. Groundwater downgradient from the site is contaminated with metals at levels above groundwater quality standards. However, since public water is available to homes and businesses in the vicinity of the site, and there are no wells in the vicinity, exposure to site related contaminants in drinking water is not expected.

Project Information

Operable Unit 00 Long Term Monitoring

	Agency	Bureau	Office	Manager	Funding Source
Site Characterization					
Remedial Investigation					
Remedial Design					
Remedial Action					
OM & M	DEC	BURA	REG 1	JXASCHER	Responsible Party (RP)

	Start Date	Stat.	End Date	Stat.	Rev. Start Date	Stat.	Rev. End Date	Stat.
Site Characterization								
Remedial Investigation								
Remedial Design								
Remedial Action								
OM & M	06/07/2004	ACT	03/31/2038	PLN		XXX		XXX

Operable Unit 01A IRM-STORM DRAINS

	Agency	Bureau	Office	Manager	Funding Source
Site Characterization					
Remedial Investigation					
Remedial Design	DEC	BERA	REM-B	Minocha, Vimal	Responsible Party (RP)
Remedial Action	DEC	BERA	REM-C	SXDEWES	Responsible Party (RP)
OM & M					

	Start Date	Stat.	End Date	Stat.	Rev. Start Date	Stat.	Rev. End Date	Stat.
Site Characterization								

Remedial Investigation						
Remedial Design	05/01/1996	ACT	05/01/1996	ACT	XXX	XXX
Remedial Action	01/01/1998	ACT	07/01/1998	ACT	XXX	XXX
OM & M						

Operable Unit 01 REMEDIAL PROGRAM

	Agency	Bureau	Office	Manager	Funding Source
Site Characterization	DEC	BHSC	EIS	LJALDEN	State Superfund
Remedial Investigation	DEC	BERA	REM-C	JTPECK	Responsible Party (RP)
Remedial Design					
Remedial Action					
OM & M					

	Start Date	Stat.	End Date	Stat.	Rev. Start Date	Stat.	Rev. End Date	Stat.
Site Characterization	05/01/1988	ACT	04/01/1990	ACT		XXX		XXX
Remedial Investigation	06/01/1995	ACT	12/10/2001	ANF		XXX		XXX
Remedial Design								
Remedial Action								
OM & M								

SUPPORTING DOCUMENT 3

NEW YORK
state department of
HEALTH

Howard A. Zucker, M.D., J.D.
Acting Commissioner of Health

Sue Kelly
Executive Deputy Commissioner

June 20, 2014

Mr. James Harrington
Division of Environmental Remediation
NYS Dept. of Environmental Conservation
625 Broadway, Albany, NY 12233

Re: **Site Delisting (4 to C)**
U.S. Electroplating Corporation
Site #152027
Babylon, Suffolk County

Dear Mr. Harrington:

At your request, staff reviewed your Department's proposal to delist the referenced site from the New York State Department of Environmental Conservation's Registry of Inactive Hazardous Waste Disposal sites. I understand that remediation has been satisfactorily completed in accordance with the 2001 *Record of Decision*. Contaminated soil has been removed from the site, which has correspondingly resulted in contaminant levels in groundwater decreasing to levels often below or near applicable groundwater standards. Human exposures to contamination remaining at the site will continue to be addressed through engineering and institutional controls follows:

- Soil: A cover system of asphalt, gravel and fill materials will be maintained. Use of the property is restricted to industrial use. Future excavations at the site will be conducted in accordance with an approved excavation plan.
- Groundwater: Groundwater use at the site, without necessary water quality treatment, is restricted.

Periodic reviews will be completed to certify that these controls are being implemented and remain effective. Based on this information, I believe the proposal is protective of public health and concur with your Department's proposal to delist this site as a Class C—all active operation, maintenance and monitoring activities completed with ongoing maintenance and periodic certification of institutional/engineering controls. If you have questions, please contact Ms. Charlotte Bethoney or me at (518) 402-7860.

Sincerely,

Krista M. Anders

Krista M. Anders, Director
Bureau of Environmental Exposure Investigation

ec: A. Salame-Alfie, Ph.D.
C. Bethoney / I. Ushe / e-File
B. Devin – NYSDOH MARO
A. Rapiejko – SCDHS
M. Ryan / K. Lewandowski / J. Harrington – NYSDEC Central Office
W. Parrish / J. Ascher – NYSDEC Region 1

P:\Bureau\Sites\Region_1\SUFFOLK\152027\Delist_DOHConcur_062014_152027.pdf

SUPPORTING DOCUMENT 4

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Technical Support, 11th Floor
625 Broadway, Albany, NY 12233-7020
Phone: (518) 402-9543 • Fax: (518) 402-9547
Website: www.dec.ny.gov

Joe Martens
Commissioner

September 22, 2014

Mr. Robert Birnbaum
U.S. Electroplating Corp.
100 Field Street
West Babylon, NY 11704

RE: DEC Site #152027
U.S. Electroplating Corporation
100 Field Street, West Babylon, NY 11704

Dear Mr. Birnbaum:

The 60-day prior notification which included a 30-day public comment period has ended. These requirements were established for the proposed deletion of sites from the New York State Registry of Inactive Hazardous Waste Disposal Sites (the Registry).

This letter serves as your official notification that the subject site has been deleted from the Registry and that the deletion became effective on the date marked above.

If you have any questions relative to this matter or wish to review any associated documents in the repository, please contact the Project Manager, Jamie Ascher at 631-444-0246, NYSDEC, DER-Region 1, SUNY @ Stony Brook, 50 Circle Road, Stony Brook, New York 11790.

Sincerely,

Kelly A. Lewandowski, P.E.
Chief
Site Control Section

ec: J. Ascher, Project Manager
A. English
K. Lewandowski
K. Anders, NYSDOH
C. Bethony, NYS DOH Regional Chief
L. Ennist
R. Evans, Regional Permit Administrator, Region 1
C. Elgut, Regional Attorney, Region 1
W. Parish, RHWRE, Region 1
J. Harrington, Director, Remedial Bureau A
S. Heigel, Site Control Section

SUPPORTING DOCUMENT 5

Annual Report
U. S. Electroplating Corp.,
100 Field Street
West Babylon, New York
Index No.: W1-0710-02-06
Site No.: 1-52-027

December 2013

Prepared for:

U.S. Electroplating Corporation
100 Field Street
West Babylon, NY 11704

Prepared by:

CA Rich Consultants, Inc.
17 Dupont Street
Plainview, New York 11803

December 16, 2013

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
50 CIRCLE ROAD
SUNY at
Stony Brook, NY 11794

Attention: Mr. Jamie Ascher

Re: Annual Report 2013
U. S. Electroplating Corp., Site No.: 1-52-027
100 Field Street, West Babylon, New York
Index No.: W1-0710-02-06

Dear Mr. Ascher:

Attached is a copy of the 2013 Annual Groundwater Monitoring Report (the Report). This document follows the Department's "Periodic Review Report General Guidance" outline included in the NYSDEC's 45 – Day Reminder Notice. It also includes a signed Institutional and Engineering Controls Certification Form.

The findings presented in this Report indicate that the remedial activities completed remain effective in reducing the concentrations of cadmium and chromium in the groundwater at the Site. As described in detail within this document, we report the following for this Site:

- An asphalt cap was placed over the excavation area and remains in good condition.
- In accordance with the Declaration of Covenants and Restrictions, groundwater below the Site is not used for potable or industrial purposes and there have been no construction excavations into areas of previously contaminated soils.
- Post-remediation groundwater monitoring has been performed at the Site in accordance with our Post-Remediation Groundwater Monitoring Plan. The concentration of cadmium and chromium in all of the sampled off-site wells installed during the R.I. are below groundwater standards. Only one well, MW-3, exhibits cadmium concentrations in excess of NYS groundwater standards, but is exhibiting a decreasing trend in concentration.
- Based on these results, we will be sending the Department a separate letter requesting that the Post-Remediation Groundwater Monitoring Plan be terminated and the Site reclassified to Class 4.

If there are any questions regarding this Report, please do not hesitate to call our Office.

Sincerely,

CA RICH CONSULTANTS, INC.

Eric Weinstock

Eric A. Weinstock
Vice President

cc: Robert Birnbaum
Alali Tamuno, Esq.
Sharon McLelland
Miriam Villani, Esq.

Table of Content

Periodic Review Report (PRR) – October 2013
U.S. Electroplating Corp.,
100 Field Street
West Babylon, New York
Site No.: 1-52-027

1.0 Introduction

The U.S. Electroplating Corp., (USEC) Site, located at 100 Field Street, West Babylon, New York (Figure 1), is currently occupied by an active "job shop" metal plating operation. The property has been owned and operated by the U.S. Electroplating Corp. from 1971 to the present. Historically, they received parts from metal parts fabricators and either electroplated the parts or anodized them.

The facility conducts most plating operations in tanks or barrels. In the electroplating process, parts are either placed in baskets or hung on racks. They are then dipped into various tanks of alkaline cleaners, acid etch, plating solutions, stripping solutions and rinses. Plating operations generate a significant quantity of wastewater. U.S. Electroplating Corp. minimizes waste generation by careful water conservation, recycling, and process adaptations. The small quantity of waste generated on-site is properly stored and is periodically hauled off site by a permitted hauler to an appropriate treatment facility. As this area of Suffolk County is not sewered, sanitary wastewater is disposed of to on-site leaching pools.

A. Nature & Extent of Contamination and Remedial History

During the 1980's, a series of investigative activities including soil borings, three monitoring well installations and groundwater sampling were performed at the site by NYSDEC contractors which identified metals in the subsurface soils and groundwater. This was followed by Part A of a Remedial Investigation (RI) performed by Donnelly Engineering on behalf of USEC. Based on the results of the RI efforts, an Interim Remedial Measures (IRM) soil removal was performed by CA RICH on behalf of USEC. The IRM included the removal of metals-contaminated liquids and soils from two on-site cesspools and six storm drains. Part B of the Remedial Investigation followed after the completion of the IRM. A series of Geoprobe groundwater samples were collected and analyzed. This was followed by the installation of three clusters of off-site wells. A program of post-remediation groundwater monitoring was implemented after the RI was completed to monitor cadmium and chromium. The program of post-remediation monitoring has been ongoing from 2004 till the present.

B. Effectiveness of Remedial Program

The Remedy for this Site consisted of a contaminated soil removal effort performed as an IRM followed by a program of post-remediation groundwater monitoring. This was coupled with an engineering control in the form of an asphalt cap, and institutional controls to prevent the usage of on-site groundwater or excavations into areas of previously contaminated soil.

The remedy has remained effective and protective.

C. Compliance

The Site is currently in compliance with the Post-Remediation Groundwater Monitoring Plan developed for this Site.

D. Recommendations

- The wells have been monitored for approximately 10 years. The only exceedance of groundwater standards is cadmium in on-site well number MW-3. Since the well is exhibiting a decreasing trend in concentration, we recommend that the program of post-remediation monitoring be terminated.

2.0 Site Overview

A. Chronology of Investigative and Remedial Activities

During the 1980's, a series of investigative activities including soil borings, three monitoring well installations and groundwater sampling were performed at the site by NYSDEC contractors. This work is summarized in References 1 and 2. This was followed by Part A of a Remedial Investigation (RI) performed by Donnelly Engineering on behalf of USEC. Based on the results of the RI efforts, an Interim Remedial Measures (IRM) soil removal was performed by CA RICH on behalf of USEC. The IRM included the removal of liquids and soil from two on-site cesspools and six storm drains. The pumped liquids and excavated soils were properly disposed and end-point soil samples were collected from the bottom of the pools. A summary of the IRM efforts is included in Reference 5. Part B of the Remedial Investigation followed after the completion of the IRM. A series of Geoprobe groundwater samples were collected and analyzed. Based on these results, three clusters of off-site wells were installed. The results of the RI Part B are summarized in Reference 10. A program of post-remediation groundwater monitoring was implemented after the RI was completed. As summarized in Reference 11, post-remediation monitoring has been ongoing from 2004 till the present.

A chronology of the Site activities is presented in the following tabulation.

Action	Time Period
Initial Subsurface Investigations	1984 - 1990
Remedial Investigation Report (Part A)	1996
Interim Remedial Measures - Soil Removal	1998
Remedial Investigation Report (Part B)	2001
Record Of Decision	2001
Post Remediation Groundwater Monitoring	2004 – Present

B. Nature and Extent of Contamination

Three water table monitoring wells (identified as MW-1, 2 and 3) were installed at the site as part of a Phase II Investigation performed by a NYSDEC contractor in 1988 (Ref. 2). Groundwater samples collected from these wells indicated that elevated levels of cadmium and chromium were present in the water from well MW-3, the downgradient well. Soil samples were also collected

from two on-site storm drains and one on-site wastewater leaching pool. Elevated levels of metals were identified in these soil samples as well. Shortly after the completion of the Phase II Report, USEC was included on the NYSDEC's Hazardous Waste Site Registry.
Donnelly Engineering performed Part A of a Remedial Investigation at this site on behalf of USEC in 1996 (Ref. 9). Soil borings were placed around the existing on-site storm drains and wastewater leaching pools as well as around one off-site storm drain located in Field Street. Analysis of these samples revealed elevated levels of cadmium and chromium as well as other metals. Cadmium levels were as high as 1,230 ppm and chromium levels were as high as 798 ppm.

In 1998, CA RICH performed an IRM clean out of two wastewater leaching pools and six storm drains. A total of 498.05 tons of metals contaminated soils were excavated from the pools and drains and transported to permitted disposal facilities (Ref. 5). End-point soil samples were collected from the bottom of each structure to confirm the proper clean at each location.

As a follow up to the IRM, Part B of the RI was performed to define the nature and extent of groundwater contamination (Ref. 10). During 1998, a series of Geoprobe groundwater samples were collected downgradient of the site at depths of 20, 40 and 60 feet below grade and screened for metals. Using this data, off-site monitoring well couplets were installed in 2000. Identified at MW-4a&b, MW-5a&b, and MW-6a&b, these wells were situated to identify the downgradient boundary of a cadmium and chromium plume associated with the USEC site. A map illustrating the locations of these wells is included as Figure 1. Based on the October 5, 2000 round of groundwater samples, the concentration of cadmium and chromium in the off-site wells were below NYS groundwater standards. The concentrations in wells MW-2 and 3, however, remained above standards.

In 2001, a Feasibility Study was prepared for the Site. Based on the outcome of the IRM and the results from the off-site monitoring wells, No Action Coupled with Long-Term Groundwater Monitoring was selected as the Final Remedy. This remedial alternative was included in the 2001 Record of Decision (ROD) for the USEC Site.

A Post-Remediation Groundwater Monitoring Plan was developed and post-remediation groundwater monitoring was initiated in 2004. Groundwater monitoring was performed on a semi-annual basis from 2004 to 2008, and then on an annual basis thereafter. Graphs of the concentrations of cadmium and chromium versus time for the on-site and off-site wells are included in Table 1.

In May, 2004, a Declaration of Covenants and Restrictions was filed with the County of Suffolk for this property. This document stated that:

- an asphalt cap must be maintained at the Site;
- the usage of the property must remain as industrial;
- groundwater below the Site cannot be used for potable or industrial purposes without treatment or unless permission is first obtained from a relevant agency; and
- there shall be no construction at the Site that requires an excavation 15 feet deep or that results in unacceptable human exposure to contaminated soil.

3.0 Evaluation of Remedy Performance, Effectiveness and Protectiveness

The Remedy for this Site consisted of a contaminated soil removal effort performed as an IRM followed by a program of post-remediation groundwater monitoring. This was coupled with an

engineering control in the form of an asphalt cap, and institutional controls to prevent the usage of on-site groundwater or excavations into areas of previously contaminated soil.

The remedy has remained effective and protective. The bulk of the metals-impacted soils were removed from the property during the IRM effort. End-point samples from the excavations indicated that the remaining concentrations either achieved or approached the NYSDEC TAGM Objectives.

An asphalt cap was placed over the excavation area and remains in good condition. In accordance with the Declaration of Covenants and Restrictions, groundwater below the Site is not used for potable or industrial purposes and there have been no construction excavations into areas of previously contaminated soils.

Post-remediation groundwater has been performed at the Site in accordance with our Post-Remediation Groundwater Monitoring Plan. The concentration of cadmium and chromium in all of the off-site wells installed during the R.I. are below groundwater standards. Only one well, MW-3, exhibits cadmium concentrations in excess of NYS groundwater standards, however, the concentrations exhibit a decreasing trend.

4.0 Institutional Controls/Engineering Controls (IC/EC) Plan Compliance

A. Requirements and Compliance

Institutional Controls – The following Institutional Controls were developed for this Site:

- the usage of the property must remain as industrial;
- groundwater below the Site cannot be used for potable or industrial purposes without treatment or unless permission is first obtained from a relevant agency; and
- there shall be no construction at the Site that requires an excavation 15 feet deep or that results in unacceptable human exposure to contaminated soil.

Engineering Controls – The following Engineering Control was developed for this Site:

- an asphalt cap must be maintained at the Site;

B. Certification

An annual inspection of the Site is performed and an Annual Certification is provided to the NYSDEC in this PRR.

5.0 Monitoring Plan Compliance

A Post-Remediation Groundwater Monitoring Plan was developed for this Site and post-remediation groundwater monitoring was initiated in 2004. All groundwater samples, including the required QA/QC samples, are delivered under chain-of-custody control overnight to NYS-certified Laboratory and analyzed cadmium and chromium in accordance with NYSDEC ASP Category A or “standard” deliverables. Groundwater monitoring was performed on a semi-annual basis from 2004 to 2008, and then on an annual basis thereafter. The latest round of monitoring conducted on October 30, 2013 indicates that only monitoring well MW-3 was found to contain cadmium and/or chromium levels above detection limits. The following lists the detectable concentrations found in MW-3:

Well ID	Cadmium (ug/L)	Chromium (ug/L)
MW-3	93.4	ND

Graphs of the concentrations of cadmium and chromium versus time for the on-site and off-site wells are included in Table 1. A map illustrating the locations of the monitoring wells along with cadmium and chromium concentration is included as Figures 2 and 3.

6.0 Operations & Maintenance Plan Compliance

There is no mechanical equipment at the Site related to the Remedy that requires maintenance.

7.0 Overall Periodic Review Report Conclusions and Recommendations

The corrective actions implemented at this Site have been evaluated by reviewing data collected at the Site, and they are deemed to be effective and protective.

- The bulk of the metals-impacted soils were removed from the property during the IRM effort. End-point samples from the excavations indicated that the remaining concentrations either achieved or approached the NYSDEC TAGM Objectives.

- An asphalt cap was placed over the excavation area and remains in good condition.

- In accordance with the Declaration of Covenants and Restrictions, groundwater below the Site is not used for potable or industrial purposes and there have been no construction excavations into areas of previously contaminated soils.

- Post-remediation monitoring has been performed at the Site in accordance with our Post-Remediation Groundwater Monitoring Plan. The concentration of cadmium and chromium in all of the off-site wells installed during the R.I. are below groundwater standards. Only one well, MW-3, exhibits cadmium concentrations in excess of NYS groundwater standards. These concentrations now exhibit a decreasing trend. As such, we recommend that the Post-Remediation Monitoring Plan be terminated.

8.0 REFERENCES

1. Woodward-Clyde Consultants, Inc. 1984. NYSDEC Phase I Preliminary Investigation, U.S. Electroplating Corp., West Babylon, New York. Prepared for the New York State Department of Environmental Conservation, Albany, New York, 1984.

2. LeRoy Callender, Inc., March 30, 1990, Final Phase II Investigation, U.S. Electroplating Corp., West Babylon, New York. Prepared for the New York State Department of Environmental Conservation, Albany, New York.

3. Donnelly Engineering, 1994. Remedial Investigation Work Plan, U.S. Electroplating Corp., West Babylon, New York. Prepared for the New York State Department of Environmental Conservation, Albany, New York, 1994.

4. Donnelly Engineering, 1996. Remedial Investigation (Part A), U.S. Electroplating Corp., West Babylon, New York. Prepared for the New York State Department of Environmental Conservation, Albany, New York.

5. CA RICH Consultants, Inc., 1998. Interim Remedial Measures Report, U.S. Electroplating Corp., West Babylon, New York. Prepared for the New York State Department of Environmental Conservation, Albany, New York.

6. Suffolk County Water Authority, 1971. Results of Subsurface Exploration in the Mid-Island Area of Western Suffolk County Long Island, New York. Soren, Julian, 1971.

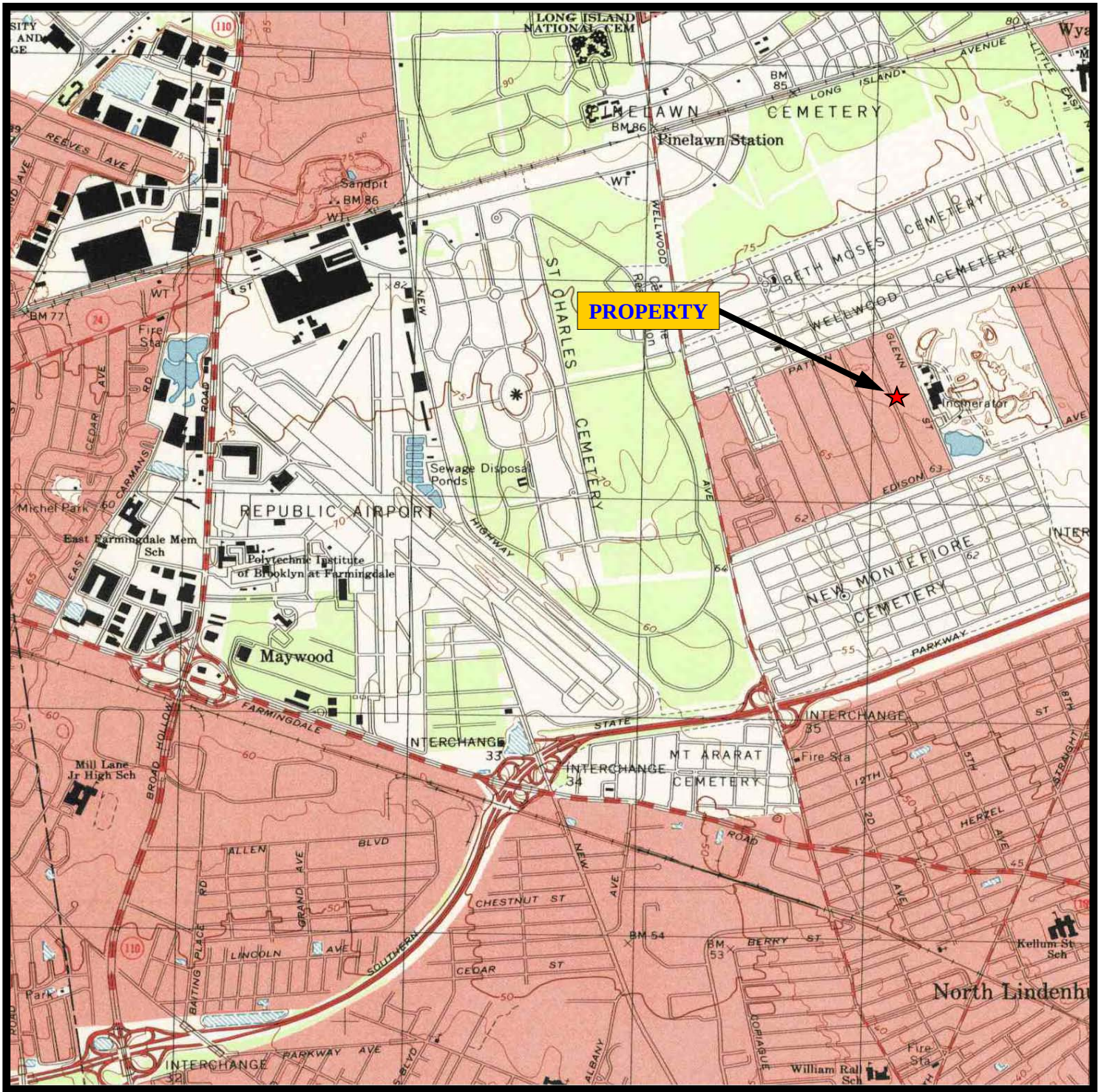
7. Department of the Interior United States Geological Survey, 1974. Map: Hydrogeology of Suffolk County, Long Island, New York. Jenson and Soren, 1974.

8. NYSDEC, October 22, 1993, Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.

9 Donnelly Engineering, 1996. Remedial Investigation Progress Report, U.S. Electroplating Corp., West Babylon, New York. Prepared for the New York State Department of Environmental Conservation, Albany, New York.

10 CA RICH Consultants, Inc., 2001. Remedial Investigation Report (Part B), U.S. Electroplating Corp., West Babylon, New York. Prepared for the New York State Department of Environmental Conservation, Albany, New York.

Figures



APPROX. SCALE (ft.)

0 *24,000* *48,000*

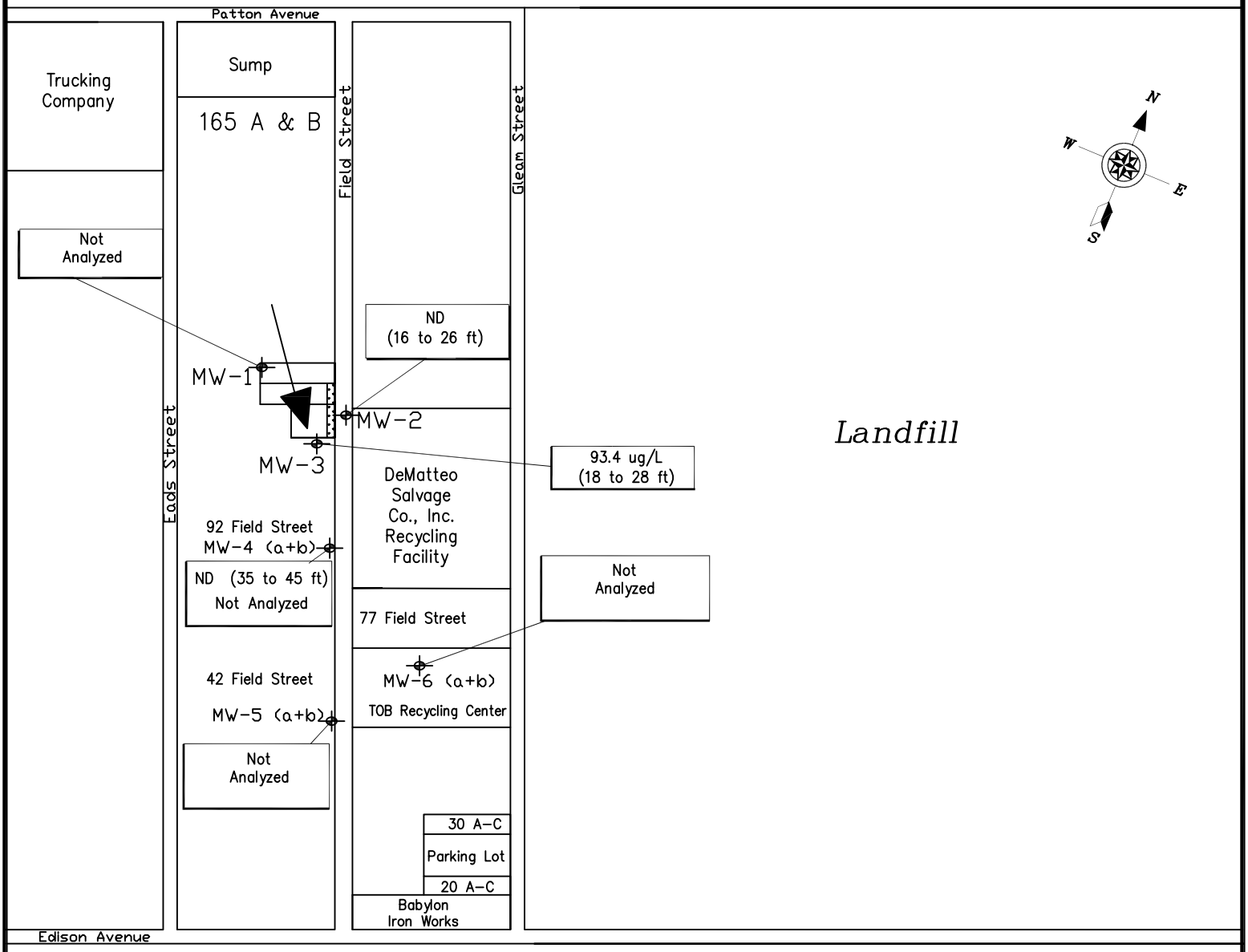
N

Adapted from USGS Babylon Quadrangle, 1979

CA RICH CONSULTANTS, INC.
17 Dupont Street,
Plainview, NY 11803

TITLE: **PROPERTY LOCATION MAP**	*DATE:* **1/5/2011**
	SCALE: **AS SHOWN**
FIGURE: **1**	**U.S. Electroplating Corp.** **100 Field Street** **West Babylon, New York** **Site No.: 1-52-027**
DRAWING:	*DRAWN BY:* **JTC**
	APPR. BY: **EAW**

Wellwood Cemetery



New Montefiore Cemetery

0 200 400 600 800 1000

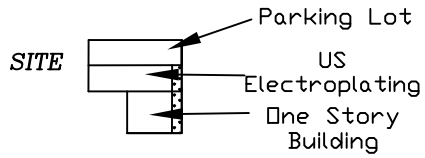
Approximate Scale (in Feet)

LEGEND

Existing Groundwater Monitoring Well

ND – Not Detected

Direction of groundwater flow

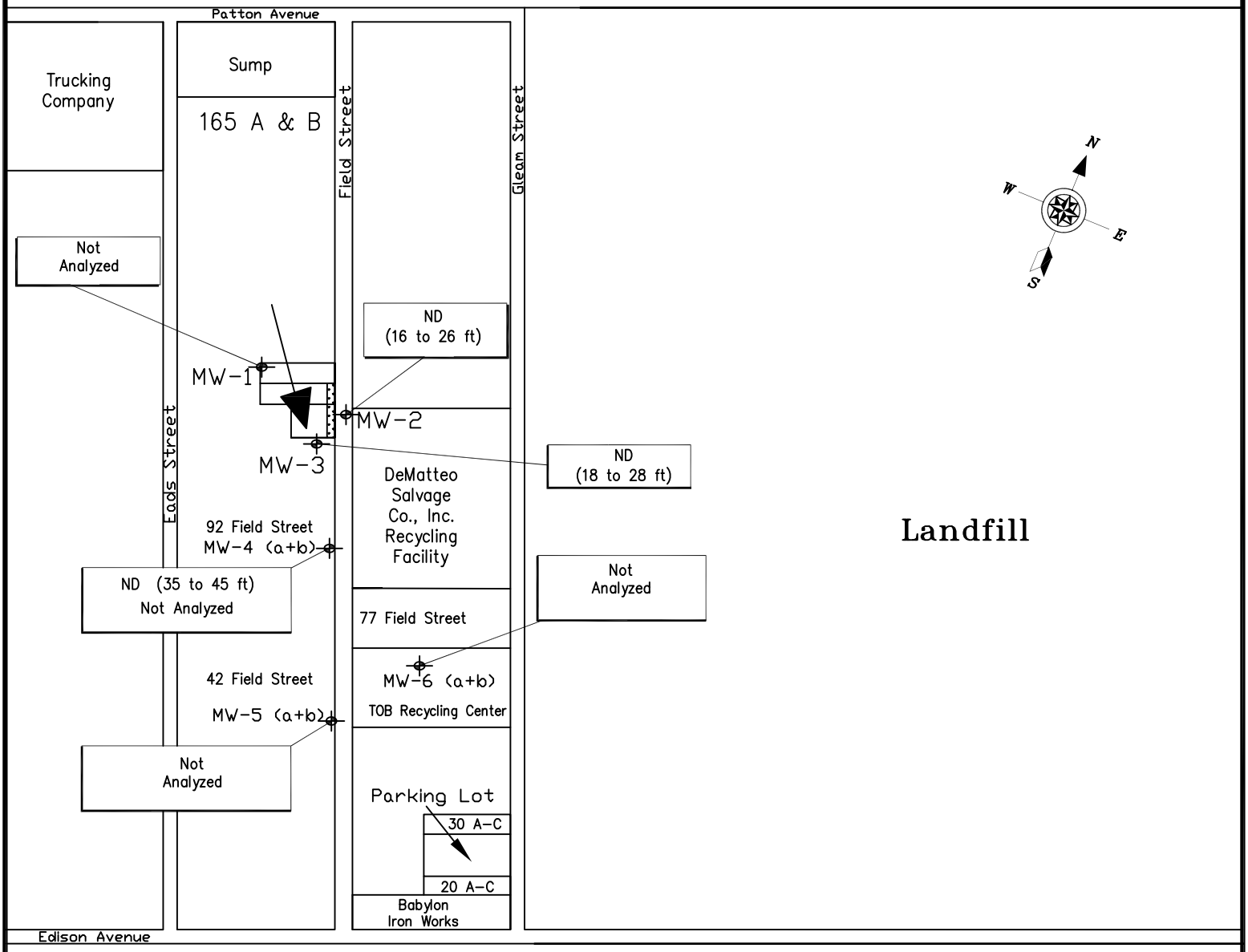


CA RICH CONSULTANTS, INC.

Environmental Specialists Since 1982

17 Dupont Street, Plainview, New York 11803

TITLE: Groundwater Cadmium Concentrations In Monitoring Wells October 30, 2013		DATE: 12/4/2013
		SCALE: As Shown
FIGURE: 2	U.S. ELECTROPLATING CORP. 100 FIELD STREET WEST BABYLON, NEW YORK	DRAWN BY: J.T.C./T.R.B.
DRAWING NO: 2013-2B		APPR. BY: E.A.W.



0 200 400 600 800 1000

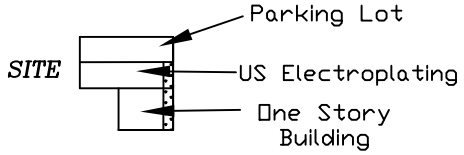
Approximate Scale (in Feet)

LEGEND

Existing Groundwater Monitoring Well

ND – Not Detected

Direction of groundwater flow



CA RICH CONSULTANTS, INC.

Environmental Specialists Since 1982
17 Dupont Street, Plainview, New York 11803

TITLE: Groundwater Chromium Concentrations In Monitoring Wells October 30, 2013	DATE: 12/4/2013
	SCALE: As Shown
FIGURE: 3	DRAWN BY: J.T.C./T.R.B.
DRAWING NO: 2013-2a	APPR. BY: E.A.W.

U.S. ELECTROPLATING CORP.
100 FIELD STREET
WEST BABYLON, NEW YORK

Tables

Table 1
Summary Table of Cadmium and Chromium in Groundwater Samples
USEC Site, North Babylon, New York

Well ID	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	NYSDEC
Comments/Calendar Quarter	R.I. Data	R.I. Data	2 Qtr 2004	4 Qtr 2004	2 Qtr 2005	4 Qtr 2005	2 Qtr 2006	1 Qtr 2007	3 Qtr 2007	2 Qtr 2008	4 Qtr 2008	4 Qtr 2009	4 Qtr 2010	4 Qtr 2011	4 Qtr 2012	4 Qtr 2013	TOGS*
Sample depth in feet	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	
Date Sampled	11/12/98	10/05/00	06/25/04	12/23/04	06/16/05	12/07/05	09/01/06	02/12/07	09/18/07	04/03/08	10/24/08	10/22/09	10/20/10	10/28/11	10/19/12	NS	
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Cadmium	182	3	ND	9.78	ND	5.83	6.29	ND	ND	ND	12.9	3.9	ND	ND	ND	NS**	5
Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS**	50

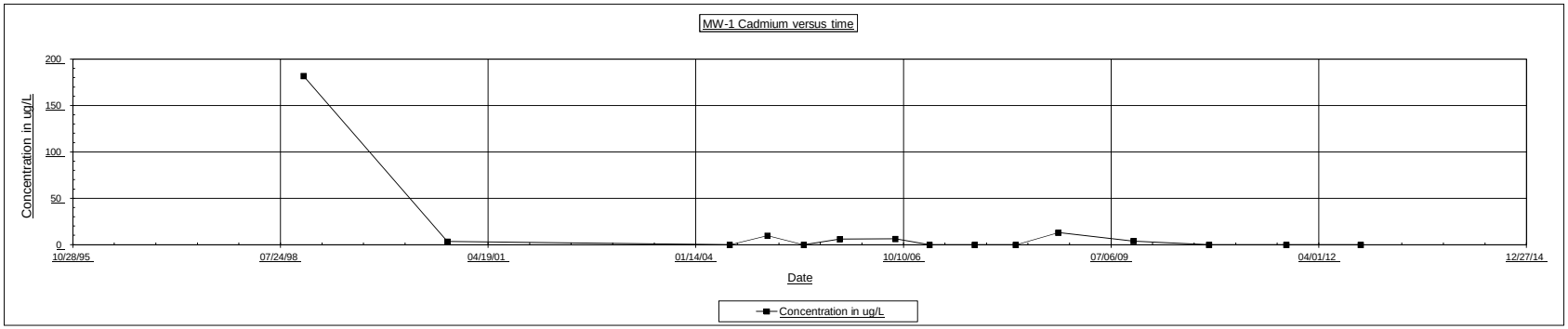
Notes:

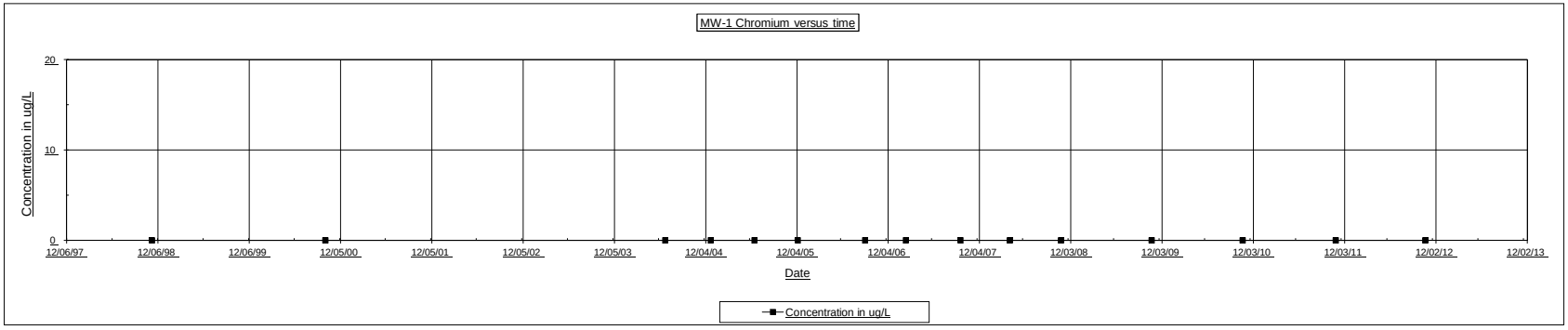
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; 10-22-93
** Not sampled

Prepared by CA Rich Consultants Inc.

H:projects/USEC/Postrem/graphs





Prepared by CA Rich Consultants Inc.

Table 1
Summary Table of Cadmium and Chromium in Groundwater Samples
USEC Site, North Babylon, New York

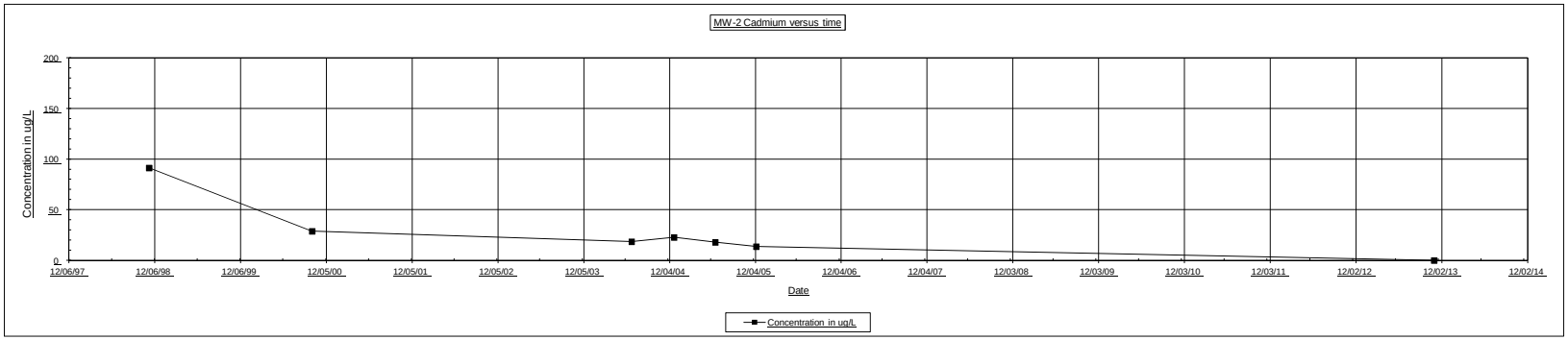
Well ID	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	NYSDEC
Comments/Calendar Quarter	R.I. Data	R.I. Data	2 Qtr 2004	4 Qtr 2004	2 Qtr 2005	4 Qtr 2005	2 Qtr 2006	1 Qtr 2007	3 Qtr 2007	2 Qtr 2008	4 Qtr 2008	4 Qtr 2009	4 Qtr 2010	4 Qtr 2011	4 Qtr 2012	4 Qtr 2013	TOGS*
Sample depth in feet	16 to 26	16 to 26	16 to 26	16 to 26	16 to 26	16 to 26	16 to 26	16 to 26	16 to 26	16 to 26	16 to 26	16 to 26	16 to 26	16 to 26	16 to 26	16 to 26	
Date Sampled	11/12/98	10/05/00	06/25/04	12/23/04	06/16/05	12/07/05	NS	NS	NS	NS	NS	NS	NS	NS	NS	10/30/13	
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Cadmium	91	29	19	23	17.9	13.7	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	ND	5
Chromium	ND	24	ND	33	10.0	10.7	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	ND	50

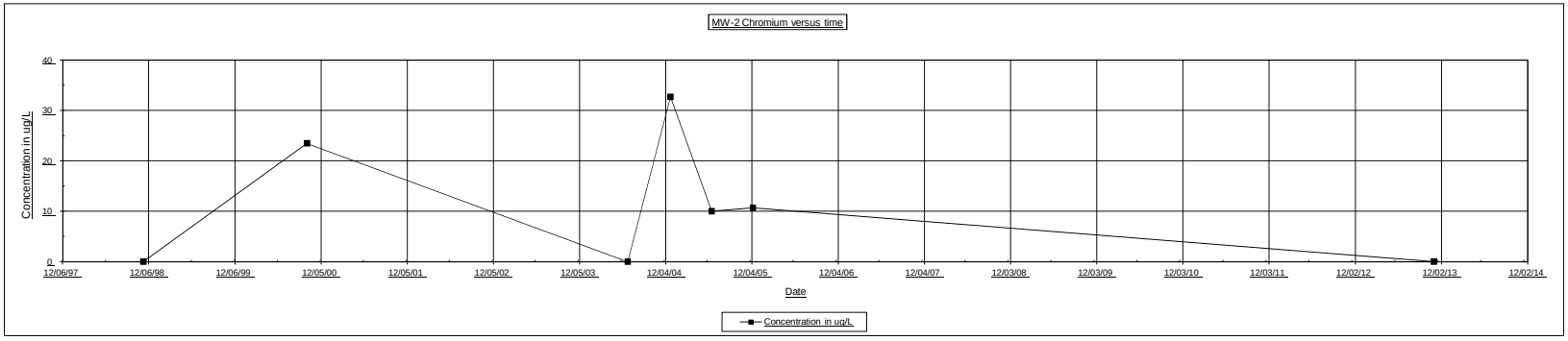
Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; 10-22-93
** Not sampled

Prepared by CA Rich Consultants Inc.





Prepared by CA Rich Consultants Inc.

Table 1
Summary Table of Cadmium and Chromium in Groundwater Samples
USEC Site, North Babylon, New York

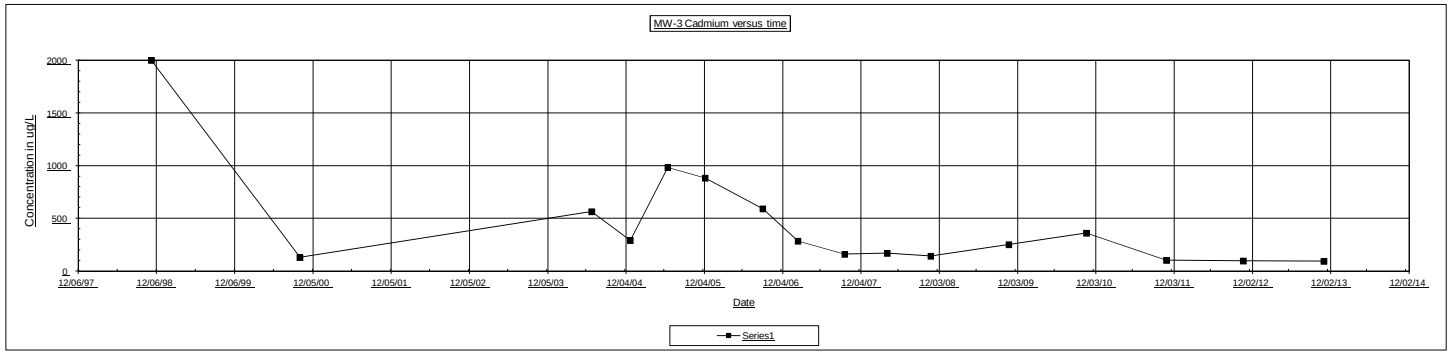
Well ID	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	NYSDEC
Comments/Calendar Quarter	R.I. Data	R.I. Data	2 Qtr 2004	4 Qtr 2004	2 Qtr 2005	4 Qtr 2005	2 Qtr 2006	1 Qtr 2007	3 Qtr 2007	2 Qtr 2008	4 Qtr 2008	4 Qtr 2009	4 Qtr 2010	4 Qtr 2011	4 Qtr 2012	4 Qtr 2013	TOGS*
Sample depth in feet	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	18 to 28	
Date Sampled	11/12/98	10/05/00	06/25/04	12/23/04	06/16/05	12/07/05	09/01/06	02/12/07	09/18/07	04/03/08	10/24/08	10/22/09	10/20/10	10/28/11	10/19/12	10/30/13	
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Cadmium	2000	131	565	292	983	884	593	284	162	170	142	252	362	103	97.2	93.4	5
Chromium	83	485	381	102	422	225	28	48	26	380	21.2	11.2	ND	10.3	15.0	ND	50

Notes:

ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; 10-22-93

Prepared by CA Rich Consultants Inc.


MW-3 Cadmium versus time
Concentration in ug/L
2000
1500
1000
500
0
12/06/97
12/06/98
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
12/04/07
12/03/08
12/03/09
12/03/10
12/03/11
12/02/12
12/02/13
12/02/14
Date
Series1

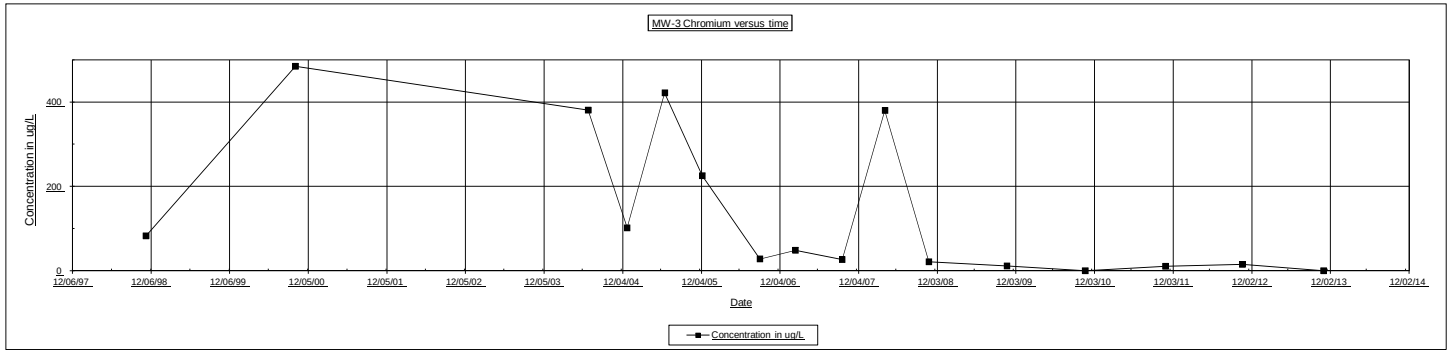

MW-3 Chromium versus time
Concentration in ug/L
400
200
0
12/06/97
12/06/98
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
12/04/07
12/03/08
12/03/09
12/03/10
12/03/11
12/02/12
12/02/13
12/02/14
Date
Concentration in ug/L

Table 1
Summary Table of Cadmium and Chromium in Groundwater Samples
USEC Site, North Babylon, New York

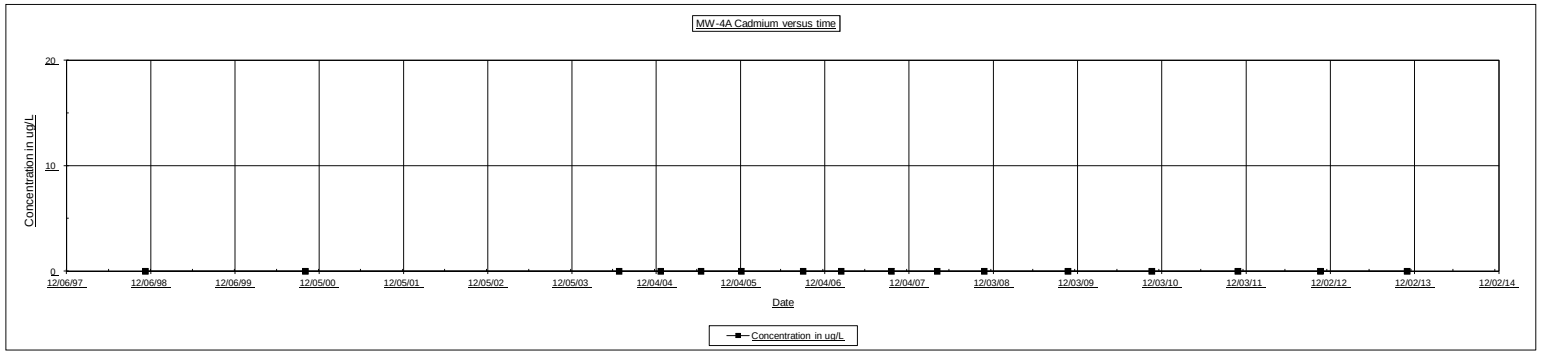
Well ID	MW-4A	MW-4A	MW-4A	MW-4A	MW-4A	MW-4A	MW-4A	MW-4A	MW-4A	MW-4A	MW-4A	MW-4A	MW-4A	MW-4A	MW-4A	MW-4A	NYSDEC
Comments/Calendar Quarter	R.I. Data	R.I. Data	2 Qtr 2004	4 Qtr 2004	2 Qtr 2005	4 Qtr 2005	2 Qtr 2006	1 Qtr 2007	3 Qtr 2007	2 Qtr 2008	4 Qtr 2008	4 Qtr 2009	4 Qtr 2010	4 Qtr 2011	4 Qtr 2012	4 Qtr 2013	TOGS*
Sample depth in feet	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	
Date Sampled	11/12/98	10/05/00	06/25/04	12/23/04	06/16/05	12/07/05	09/01/06	02/12/07	09/18/07	04/03/08	10/24/08	10/22/09	10/20/10	10/28/11	10/19/12	10/30/13	
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Cadmium	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chromium	NA	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50

Notes:

NA: Not Analyzed
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; 10-22-93

Prepared by CA Rich Consultants Inc.


MW-4A Cadmium versus time
Concentration in ug/L
20
10
0
12/06/97
12/06/98
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
12/04/07
12/03/08
12/03/09
12/03/10
12/03/11
12/02/12
12/02/13
12/02/14
Date
Concentration in ug/L

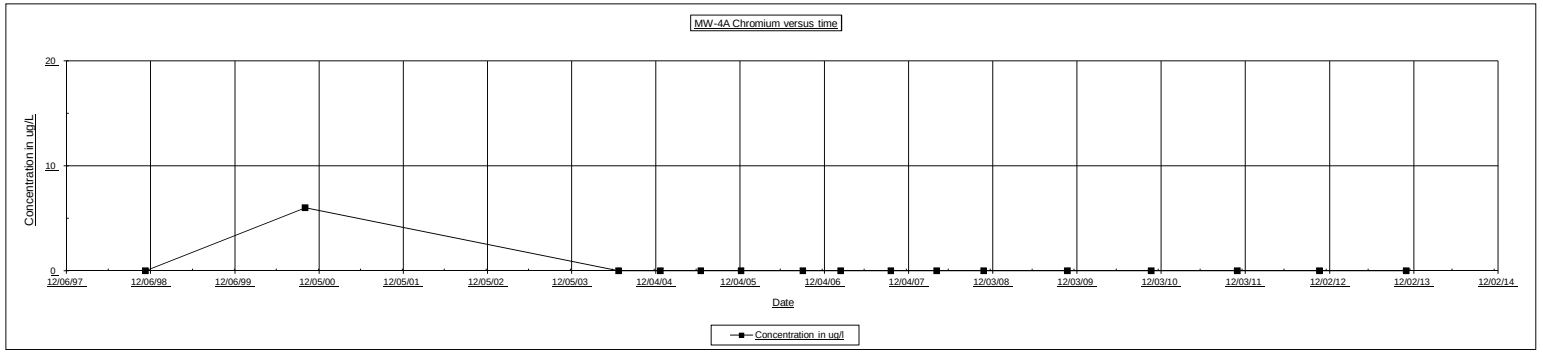

MW-4A Chromium versus time
Concentration in ug/L
20
10
0
12/06/97
12/06/98
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
12/04/07
12/03/08
12/03/09
12/03/10
12/03/11
12/02/12
12/02/13
12/02/14
Date
Concentration in ug/l

Table 1
Summary Table of Cadmium and Chromium in Groundwater Samples
USEC Site, North Babylon, New York

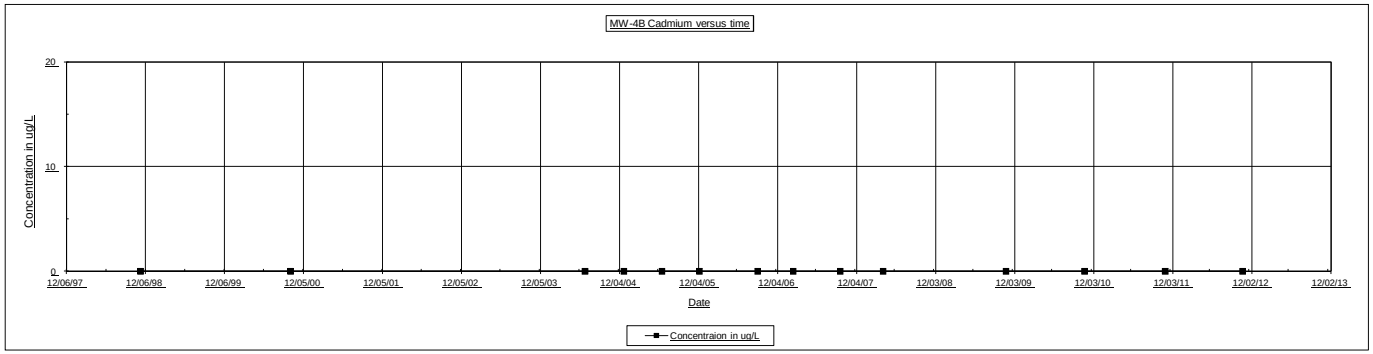
Well ID	MW-4B	MW-4B	MW-4B	MW-4B	MW-4B	MW-4B	MW-4B	MW-4B	MW-4B	MW-4B	MW-4B	MW-4B	MW-4B	MW-4B	MW-4B	NYSDEC
Comments/Calendar Quarter	R.I. Data	R.I. Data	2 Qtr 2004	4 Qtr 2004	2 Qtr 2005	4 Qtr 2005	2 Qtr 2006	1 Qtr 2007	3 Qtr 2007	2 Qtr 2008	4 Qtr 2009	4 Qtr 2010	4 Qtr 2011	4 Qtr 2012	4 Qtr 2013	TOGS*
Sample depth in feet	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	
Date Sampled	11/12/98	10/05/00	06/25/04	12/23/04	06/16/05	12/07/05	09/01/06	02/12/07	09/18/07	04/03/08	10/22/09	10/20/10	10/28/11	10/19/12	NS	
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Cadmium	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS**	5
Chromium	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS**	50

Notes:

NA: Not Analyzed
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values; 10-22-93
** Not sampled

Prepared by CA Rich Consultants Inc.


MW-4B Cadmium versus time
Concentration in ug/L
20
10
0
12/06/97
12/06/98
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
12/04/07
12/03/08
12/03/09
12/03/10
12/03/11
12/02/12
12/02/13
Date
Concentraion in ug/L

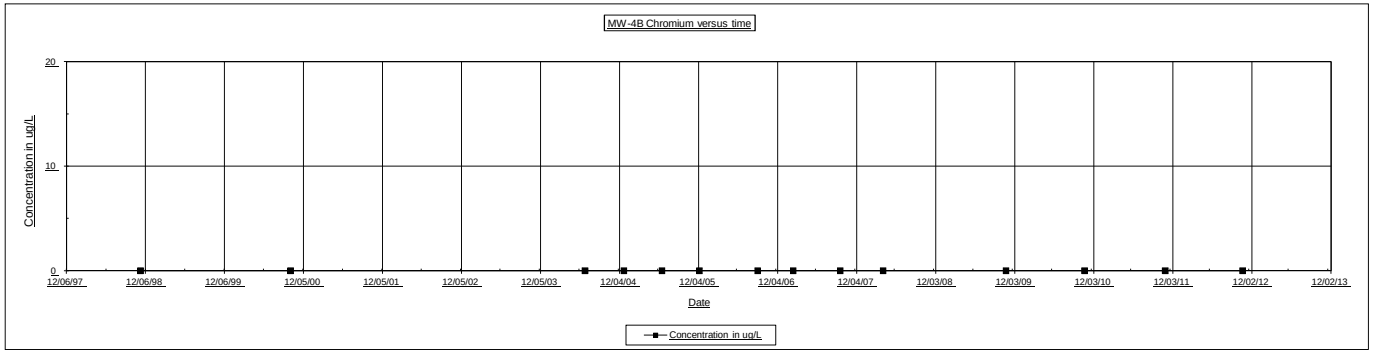

MW-4B Chromium versus time
Concentration in ug/L
20
10
0
12/06/97
12/06/98
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
12/04/07
12/03/08
12/03/09
12/03/10
12/03/11
12/02/12
12/02/13
Date
Concentration in ug/L

Table 1
Summary Table of Cadmium and Chromium in Groundwater Samples
USEC Site, North Babylon, New York

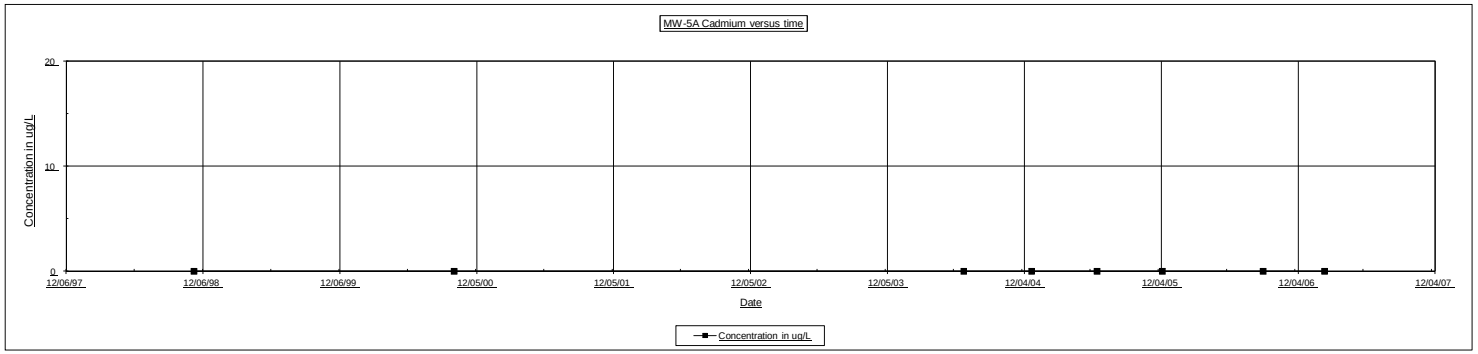
Well ID	MW-5A	MW-5A	MW-5A	MW-5A	MW-5A	MW-5A	MW-5A	MW-5A	MW-5A	MW-5A	MW-5A	MW-5A	MW-5A	MW-5A	MW-5A	MW-5A	NYSDEC
Comments/Calendar Quarter	R.I. Data	R.I. Data	2 Qtr 2004	4 Qtr 2004	2 Qtr 2005	4 Qtr 2005	2 Qtr 2006	1 Qtr 2007	3 Qtr 2007	2 Qtr 2008	4 Qtr 2008	4 Qtr 2009	4 Qtr 2010	4 Qtr 2011	4 Qtr 2012	4 Qtr 2013	TOGS*
Sample depth in feet	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	
Date Sampled	11/12/98	10/05/00	06/25/04	12/23/04	06/16/05	12/07/05	09/01/06	02/12/07	NS	NS	NS	NS	NS	NS	NS	NS	
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Cadmium	NA	ND	ND	ND	ND	ND	NA	NA	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	5
Chromium	NA	14	15	ND	ND	ND	NA	NA	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	50

Notes:

NA: Not Analyzed
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; 10-22-93
** Not sampled

Prepared by CA Rich Consultants Inc.


MW-5A Cadmium versus time
Concentration in ug/L
20
10
0
12/06/97
12/06/98
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
12/04/07
Date
Concentration in ug/L

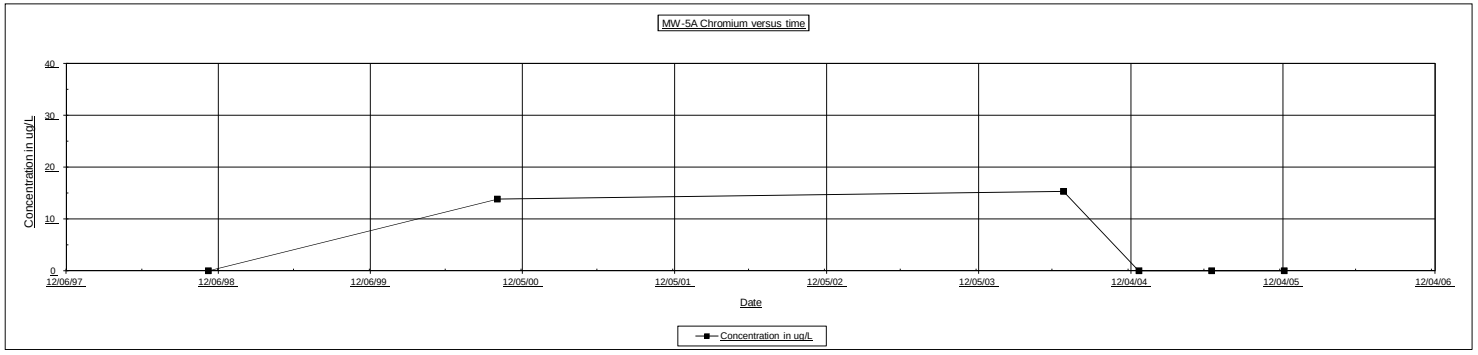

MW-5A Chromium versus time
Concentration in ug/L
40
30
20
10
0
12/06/97
12/06/98
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
Date
Concentration in ug/L

Table 1
Summary Table of Cadmium and Chromium in Groundwater Samples
USEC Site, North Babylon, New York

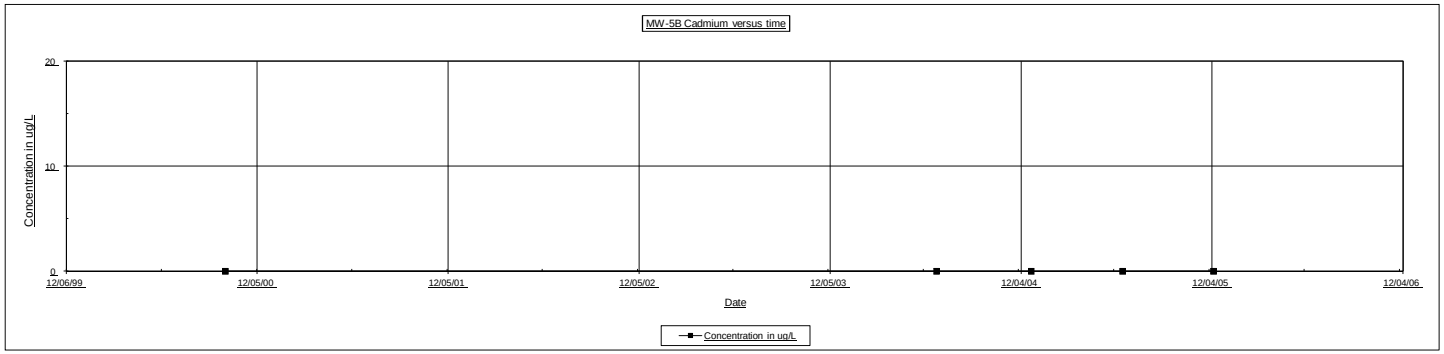
Comments/Calendar Quarter	MW-5B R.I. Data	MW-5B R.I. Data	MW-5B 2 Qtr 2004	MW-5B 4 Qtr 2004	MW-5B 2 Qtr 2005	MW-5B 4 Qtr 2005	MW-5B 2 Qtr 2006	MW-5B 4 Qtr 2006	MW-5B 3 Qtr 2007	MW-5B 2 Qtr 2008	MW-5B 4 Qtr 2008	MW-5B 4 Qtr 2009	MW-5B 4 Qtr 2010	MW-5B 4 Qtr 2011	MW-5B 4 Qtr 2012	MW-5B 4 Qtr 2013	NYSDEC
Sample depth in feet	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	TOGS*
Date Sampled	11/12/98	10/05/00	06/25/04	12/23/04	06/16/05	12/07/05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Cadmium	NA	ND	ND	ND	ND	ND	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	5
Chromium	NA	ND	ND	ND	ND	ND	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	NS**	50

Notes:

NA: Not Analyzed
ND: Indicates compound analyzed but not detected at laboratory detection leve
ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; 10-22-93
** Not sampled

Prepared by CA Rich Consultants Inc.


MW-5B Cadmium versus time
Concentration in ug/L
20
10
0
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
Date
Concentration in ug/L

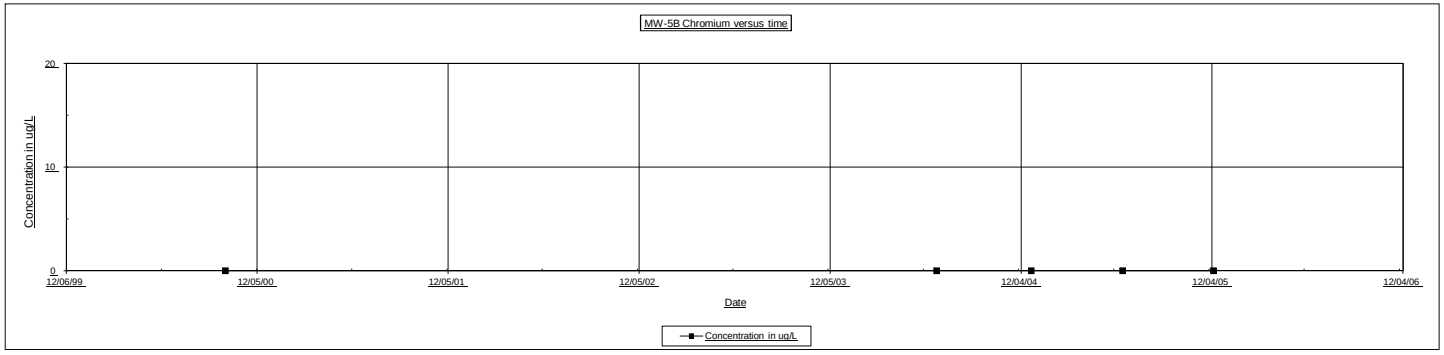

MW-5B Chromium versus time
Concentration in ug/L
20
10
0
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
Date
Concentration in ug/L

Table 1
Summary Table of Cadmium and Chromium in Groundwater Samples
USEC Site, North Babylon, New York

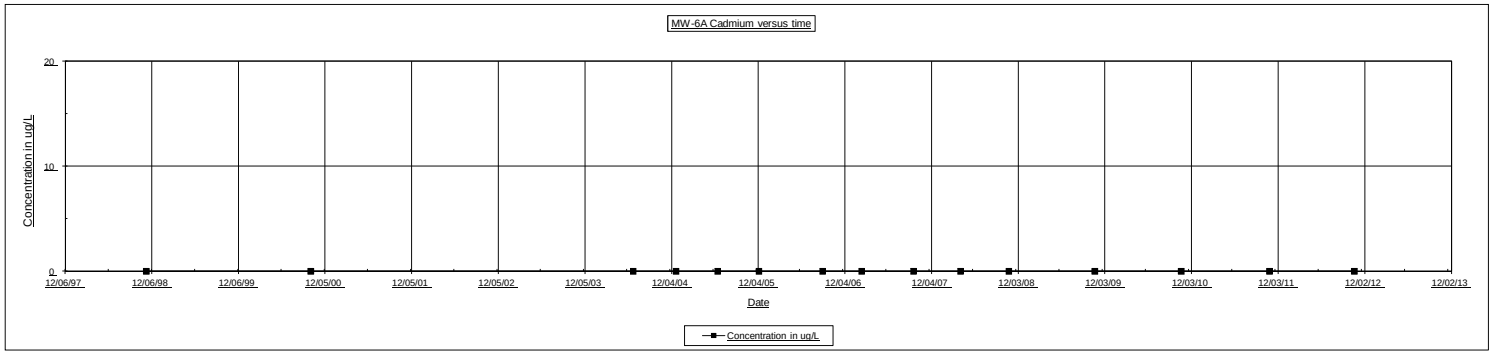
Well ID	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	NYSDEC
Comments/Calendar Quarter	R.I. Data	R.I. Data	2 Qtr 2004	4 Qtr 2004	2 Qtr 2005	4 Qtr 2005	2 Qtr 2006	1 Qtr 2007	3 Qtr 2007	2 Qtr 2008	4 Qtr 2008	4 Qtr 2009	4 Qtr 2010	4 Qtr 2011	4 Qtr 2012	4 Qtr 2013	TOGS*
Sample depth in feet	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	35 to 45	
Date Sampled	11/12/98	10/05/00	06/25/04	12/23/04	06/16/05	12/07/05	09/01/06	02/12/07	09/18/07	04/03/08	10/24/08	10/22/09	10/20/10	10/28/11	10/19/12	NS	
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Cadmium	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS**	5
Chromium	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS**	50

Notes:

NA: Not Analyzed
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; 10-22-93
** Not sampled

Prepared by CA Rich Consultants Inc.


MW-6A Cadmium versus time
20
10
0
Concentration in ug/L
12/06/97
12/06/98
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
12/04/07
12/03/08
12/03/09
12/03/10
12/03/11
12/02/12
12/02/13
Date
Concentration in ug/L

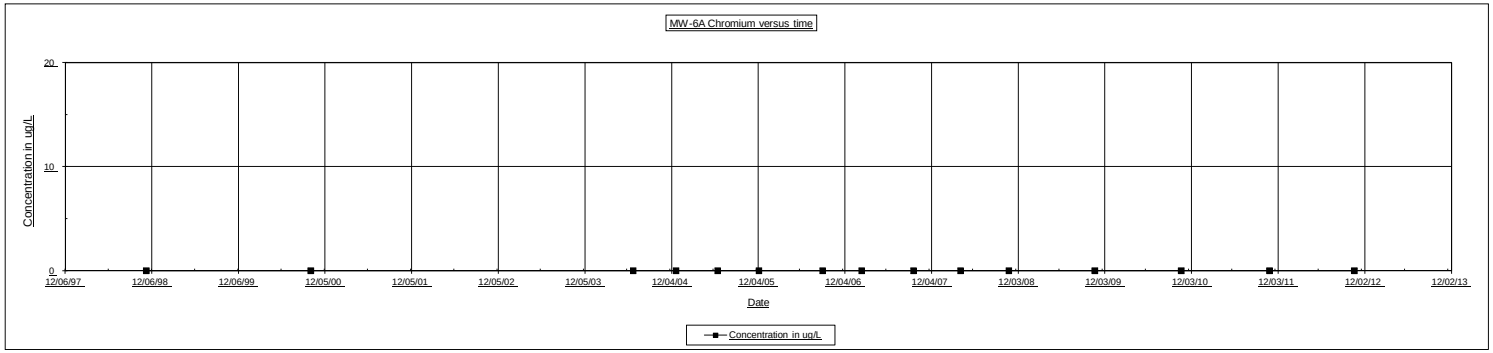

MW-6A Chromium versus time
20
10
0
Concentration in ug/L
12/06/97
12/06/98
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
12/04/07
12/03/08
12/03/09
12/03/10
12/03/11
12/02/12
12/02/13
Date
Concentration in ug/L

Table 1
Summary Table of Cadmium and Chromium in Groundwater Samples
USEC Site, North Babylon, New York

Well ID	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	NYSDEC
Comments/Calendar Quarter	R.I. Data	R.I. Data	2 Qtr 2004	4 Qtr 2004	2 Qtr 2005	4 Qtr 2005	2 Qtr 2006	1 Qtr 2007	3 Qtr 2007	2 Qtr 2008	4 Qtr 2008	4 Qtr 2009	4 Qtr 2010	4 Qtr 2011	4 Qtr 2012	4 Qtr 2013	TOGS*
Sample depth in feet	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	55 to 65	56 to 65	56 to 65	56 to 65	56 to 65	
Date Sampled	11/12/98	10/05/00	06/25/04	12/23/04	06/16/05	12/07/05	09/01/06	02/12/07	09/18/07	04/03/08	10/24/08	10/22/09	10/20/10	10/28/11	10/19/12	NS	
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Cadmium	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS**	5
Chromium	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS**	50

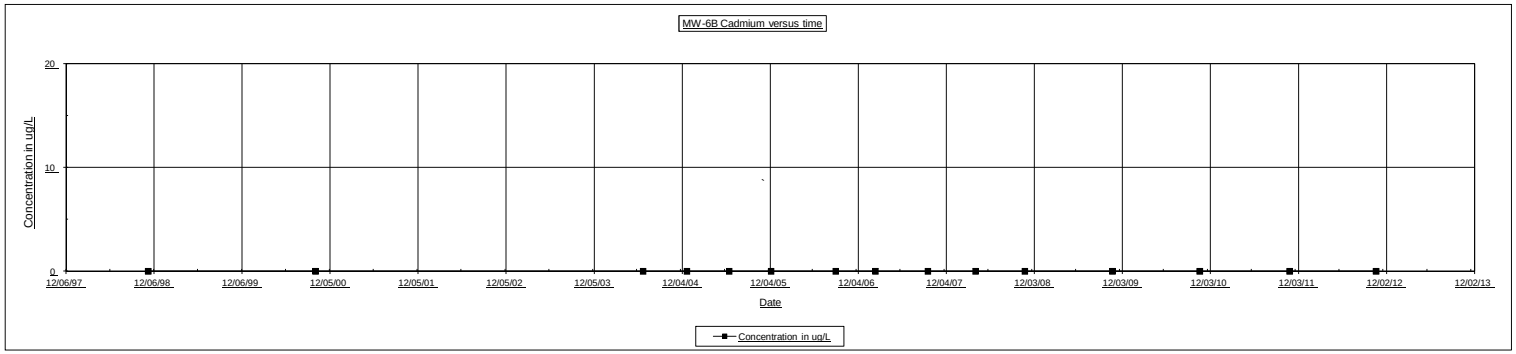
Notes:

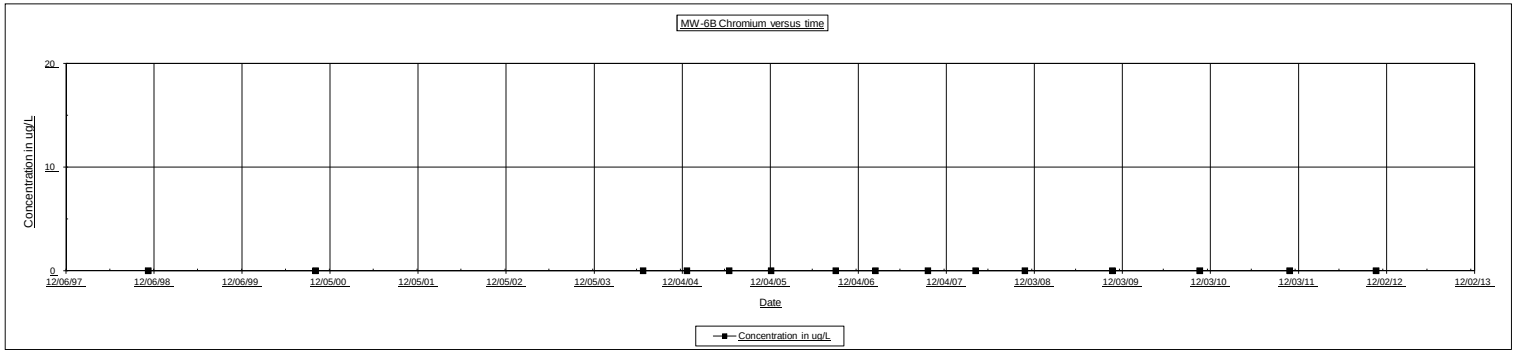
NA: Not Analyzed
ND: Indicates compound analyzed but not detected at laboratory detection level.
ug/L: micrograms per liter or parts per billion.

*NYSDEC Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values; 10-22-93
** Not sampled

Prepared by CA Rich Consultants Inc.

H:projects/USEC/Postrem/graphs


MW-6B Cadmium versus time
Concentration in ug/L
20
10
0
12/06/97
12/06/98
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
12/04/07
12/03/08
12/03/09
12/03/10
12/03/11
12/02/12
12/02/13
Date
Concentration in ug/L


MW-6B Chromium versus time
Concentration in ug/L
20
10
0
12/06/97
12/06/98
12/06/99
12/05/00
12/05/01
12/05/02
12/05/03
12/04/04
12/04/05
12/04/06
12/04/07
12/03/08
12/03/09
12/03/10
12/03/11
12/02/12
12/02/13
Date
Concentration in ug/L

Enclosures

Enclosure 1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 152027

Site Name U.S. Electroplating Corporation

Site Address: 100 Field Street Zip Code: 11704
City/Town: Babylon
County: Suffolk
Allowable Use(s) (if applicable, does not address local zoning): Industrial
Site Acreage: 0.1
Owner: Robert Birnbaum
100 Field Street, West Babylon, NY 11704

Reporting Period: ~~June 07, 2004 to June 30, 2007~~ 10/19/12 to 10/30/13

Verification of Site Details **Box 2**

	YES	NO
1. Is the information in Box 1 correct?	☐	☒
If NO, are changes handwritten above or included on a separate sheet?	☒	
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
If YES, is documentation or evidence that documentation has been previously submitted included with this certification?	☐	
3. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If YES, is documentation (or evidence that documentation has been previously submitted) included with this certification?	☐	
4. If use of the site is restricted, is the current use of the site consistent with those restrictions?	☒	☐
If NO, is an explanation included with this certification?	☐	
5. For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☐
If YES, is the new information or evidence that new information has been previously submitted included with this Certification?	☐	
6. For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), are the assumptions in the Qualitative Exposure Assessment still valid (must be certified every five years)?	☐	☐
If NO, are changes in the assessment included with this certification?	☐	

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

3. If this site has an Operation and Maintenance (O&M) Plan (or equivalent as required in the Decision Document);

   I certify by checking "YES" below that the O&M Plan Requirements (or equivalent as required in the Decision Document) are being met.

YES	NO
☒	☐

4. If this site has a Monitoring Plan (or equivalent as required in the remedy selection document);

   I certify by checking "YES" below that the requirements of the Monitoring Plan (or equivalent as required in the Decision Document) is being met.

YES	NO
☒	☐

SITE NO. 152027

Box 3

Description of Institutional Controls

Parcel	Institutional Control
S_B_L Image: 73-2-31.001	Ground Water Use Restriction
S_B_L Image: 73-2-31.002	Ground Water Use Restriction

Box 4

Description of Engineering Controls

Parcel	Engineering Control
S_B_L Image: 73-2-31.001	Cover System
S_B_L Image: 73-2-31.002	Cover System

Attach documentation if IC/ECs cannot be certified or why IC/ECs are no longer applicable. (See Instructions)

Control Description for Site No. 152027

Parcel: 73-2-31.001
The deed restriction filed on 5/25/04 restricts the use of groundwater without necessary treatment as determined by SCDHS and maintenance of the asphaltic cap.

Parcel: 73-2-31.002
The deed restriction filed on 5/25/04 restricts the use of groundwater without necessary treatment as determined by SCDHS and maintenance of the asphaltic cap.

IC CERTIFICATIONS
SITE NO. 152027

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 2 and/or 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Robert Birnbaum (print name) at 100 Field St., N. Babylon, NY (print business address)

am certifying as Owner of USEC (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

[signature] 12/16/13

Signature of Owner or Remedial Party Rendering Certification — Date

IC/EC CERTIFICATIONS

Box 7

QUALIFIED ENVIRONMENTAL PROFESSIONAL (QEP) SIGNATURE

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Eric Weinstock (print name) at CARich, 17 Dupont St., Plainview, NY 11803 (print business address)

am certifying as a Qualified Environmental Professional for the USEC

(Owner or Remedial Party) for the Site named in the Site Details Section of this form.

7391 AIPG ERIC A. WEINSTOCK CERTIFIED PROFESSIONAL GEOLOGIST

[signature] 12/16/13

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification — Stamp (if Required) — Date

Appendix A
Groundwater Laboratory Results

New Jersey ACCUTEST LABORATORIES

12/04/13

Technical Report for

C. A. Rich Consultants

USEC GWS, Field Street, Babylon, NY

Accutest Job Number: JB52306

Sampling Date: 10/30/13

Report to:

C. A. Rich Consultants

TBrown@carichinc.com

ATTN: Thomas Brown

Total number of pages in report: **17**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV, DoD ELAP (L-A-B L2248)

Sections: 1 2 3 4 5

Table of Contents

-1-

Sample Summary

C. A. Rich Consultants

USEC GWS, Field Street, Babylon, NY

Job No: JB52306

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JB52306-1	10/30/13	12:30	JC	11/06/13	AQ	Ground Water	MW-2
JB52306-2	10/30/13	13:10	JC	11/06/13	AQ	Ground Water	MW-3
JB52306-3	10/30/13	11:37	JC	11/06/13	AQ	Ground Water	MW-4A
JB52306-3D	10/30/13	11:37	JC	11/06/13	AQ	Water Dup/MSD	MW-4A MSD
JB52306-3S	10/30/13	11:37	JC	11/06/13	AQ	Water Matrix Spike	MW-4A MS
JB52306-4	10/30/13	00:00	JC	11/06/13	AQ	Ground Water	MW-XX
JB52306-5	10/30/13	13:40	JC	11/06/13	AQ	Field Blank Water	FIELD BLANK 10/30

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	C. A. Rich Consultants	**Job No**	JB52306
Site:	USEC GWS, Field Street, Babylon, NY	**Report Date**	11/21/2013 10:28:27 A

On 11/06/2013, 4 Sample(s), 0 Trip Blank(s) and 1 Field Blank(s) were received at Accutest Laboratories at a temperature of 2.4 C. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JB52306 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Metals By Method SW846 6010C

Matrix: AQ **Batch ID:** M:MP22055

- The data for SW846 6010C meets quality control requirements.
- JB52306-5 for Chromium: Analysis performed at Accutest Laboratories, Marlborough, MA.
- JB52306-5 for Cadmium: Analysis performed at Accutest Laboratories, Marlborough, MA.
- JB52306-4 for Chromium: Analysis performed at Accutest Laboratories, Marlborough, MA.
- JB52306-4 for Cadmium: Analysis performed at Accutest Laboratories, Marlborough, MA.
- JB52306-2 for Chromium: Analysis performed at Accutest Laboratories, Marlborough, MA.
- JB52306-2 for Cadmium: Analysis performed at Accutest Laboratories, Marlborough, MA.
- JB52306-1 for Chromium: Analysis performed at Accutest Laboratories, Marlborough, MA.
- JB52306-1 for Cadmium: Analysis performed at Accutest Laboratories, Marlborough, MA.
- JB52306-3 for Chromium: Analysis performed at Accutest Laboratories, Marlborough, MA.
- JB52306-3 for Cadmium: Analysis performed at Accutest Laboratories, Marlborough, MA.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Accutest New Jersey	**Job No**	JB52306
Site:	CARICH: USEC GWS, Field Street, Babylon, NY	**Report Date**	11/20/2013 5:10:03 PM

4 Sample(s) and 1 Field Blank(s) were collected on 10/30/2013 and were received at Accutest on 11/06/2013 properly preserved, at 2 Deg. C and intact. These Samples received an Accutest job number of JB52306. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Metals By Method SW846 6010C

Matrix AQ **Batch ID:** MP22055

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB52306-3MS, JB52306-3MSD, JB52306-3SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Chromium are outside control limits for sample MP22055-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(JB52306).

Summary of Hits

Job Number: JB52306
Account: C. A. Rich Consultants
Project: USEC GWS, Field Street, Babylon, NY
Collected: 10/30/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JB52306-1	**MW-2**					
No hits reported in this sample.						
JB52306-2	**MW-3**					
Cadmium [a]		93.4	4.0		ug/l	SW846 6010C
JB52306-3	**MW-4A**					
No hits reported in this sample.						
JB52306-4	**MW-XX**					
No hits reported in this sample.						
JB52306-5	**FIELD BLANK 10/30**					
No hits reported in this sample.						

(a) Analysis performed at Accutest Laboratories, Marlborough, MA.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JB52306-1	**Date Sampled:**	10/30/13
Matrix:	AQ - Ground Water	**Date Received:**	11/06/13
		Percent Solids:	n/a
Project:	USEC GWS, Field Street, Babylon, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Cadmium [a]	< 4.0	4.0	ug/l	1	11/15/13	11/19/13	AMA	SW846 6010C [1]	SW846 3010A [2]
Chromium [a]	< 10	10	ug/l	1	11/15/13	11/19/13	AMA	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: M:MA16424
(2) Prep QC Batch: M:MP22055

(a) Analysis performed at Accutest Laboratories, Marlborough, MA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JB52306-2	**Date Sampled:**	10/30/13
Matrix:	AQ - Ground Water	**Date Received:**	11/06/13
		Percent Solids:	n/a
Project:	USEC GWS, Field Street, Babylon, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Cadmium [a]	93.4	4.0	ug/l	1	11/15/13	11/19/13	AMA	SW846 6010C [1]	SW846 3010A [2]
Chromium [a]	< 10	10	ug/l	1	11/15/13	11/19/13	AMA	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: M:MA16424
(2) Prep QC Batch: M:MP22055

(a) Analysis performed at Accutest Laboratories, Marlborough, MA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	JB52306-3	**Date Sampled:**	10/30/13
Matrix:	AQ - Ground Water	**Date Received:**	11/06/13
		Percent Solids:	n/a
Project:	USEC GWS, Field Street, Babylon, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Cadmium [a]	< 4.0	4.0	ug/l	1	11/15/13	11/19/13	AMA	SW846 6010C [1]	SW846 3010A [2]
Chromium [a]	< 10	10	ug/l	1	11/15/13	11/19/13	AMA	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: M:MA16424
(2) Prep QC Batch: M:MP22055

(a) Analysis performed at Accutest Laboratories, Marlborough, MA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-XX		
Lab Sample ID:	JB52306-4	**Date Sampled:**	10/30/13
Matrix:	AQ - Ground Water	**Date Received:**	11/06/13
		Percent Solids:	n/a
Project:	USEC GWS, Field Street, Babylon, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Cadmium [a]	< 4.0	4.0	ug/l	1	11/15/13	11/19/13	AMA	SW846 6010C [1]	SW846 3010A [2]
Chromium [a]	< 10	10	ug/l	1	11/15/13	11/19/13	AMA	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: M:MA16424
(2) Prep QC Batch: M:MP22055

(a) Analysis performed at Accutest Laboratories, Marlborough, MA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FIELD BLANK 10/30		
Lab Sample ID:	JB52306-5	**Date Sampled:**	10/30/13
Matrix:	AQ - Field Blank Water	**Date Received:**	11/06/13
		Percent Solids:	n/a
Project:	USEC GWS, Field Street, Babylon, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Cadmium [a]	< 4.0	4.0	ug/l	1	11/15/13	11/19/13	AMA	SW846 6010C [1]	SW846 3010A [2]
Chromium [a]	< 10	10	ug/l	1	11/15/13	11/19/13	AMA	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: M:MA16424
(2) Prep QC Batch: M:MP22055

(a) Analysis performed at Accutest Laboratories, Marlborough, MA.

RL = Reporting Limit

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Chain of Custody (Accutest Labs of New England, Inc.)

CHAIN OF CUSTODY

PAGE 1 OF 1

ACCUTEST LABORATORIES

WFB
GW

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking # | Bottle Order Control #

Accutest Quote # | Accutest Job # JB52306

Client / Reporting Information

Company Name: CA Rich Consultants, Inc
Street Address: 17 Dupont Street
City: Plainview State: NY Zip: 11803
Project Contact: Jason Cooper E-mail:
Phone #: 516-576-8844 Fax #: 516-576-0093
Sampler(s) Name(s): Jason Cooper Phone #: SAA

Project Information

Project Name: USEC GWS
Street: Field Street
City: Babylon State: NY
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City State Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Cadmium & Chromium

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	LAB USE ONLY
1	MW-2 -1		10/30/13	1230	JC	GW	1			1						
2	MW-3 -2		10/30/13	1310	JC	GW	1			1						
3	MW-4A		10/30/13	1137	JC	GW	1			1						
4	MW-4A MS -3		10/30/13	1137	JC	GW	1			1						
5	MW-4A MSD		10/30/13	1137	JC	GW	1			1						A8
6	MW-XX -4		10/30/13	0000	JC	GW	1			1						
7	Field Blank 10/30 -5		10/30/13	~~0000~~ 1340	JC	FB	1			1						

Turnaround Time (Business days)

Approved By (Accutest PM): / Date:

- [X] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] other _____

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [X] NYASP Category B
- [ ] State Forms
- [ ] EDD Format _____
- [ ] Other _____

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		10/30/13	Chris Lau 11/01/13 11:50	Chris Lau	11/6/13 1735	
2						
3						
4						
5						

Custody Seal # | [ ] Intact [ ] Not intact | Preserved where applicable: MG | On Ice: X | Cooler Temp. 2.4°C IP

3A

JV

JB52306: Chain of Custody
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5.1 5

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB52306 **Client:** _____ **Project:** _____

Date / Time Received: 11/6/2013 **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Initial/Adjusted): #1: (2.4/2.4); 0

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control _Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JB52306: Chain of Custody
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ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Page 1 of 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: JB52306

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: Accutest Laboratories	Project Name: USEC GWS, Field Street, Babylon, NY		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED-Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank
Street Address: 2235 Route 130	Street:	Billing Information (if different from Report to)	
City: Dayton State: NJ Zip: 08810	City: State:	Company Name:	
Project Contact: kellyp E-mail: kellyp@accutest.com	Project #:	Street Address:	
Phone #: 732-329-0200 Fax #:	Client Purchase Order #:	City: State: Zip:	
Sampler(s) Name(s): JC Phone:	Project Manager:	Attention:	

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection: Date	Collection: Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	CD ,CR,	LAB USE ONLY
1	MW-2		10/30/13	12:30:00 PM	JC	AQ	1			1						X	A8
2	MW-3		10/30/13	1:10:00 PM	JC	AQ	1			1						X	A8
3S	MW-4A MS		10/30/13	11:37:00 AM	JC	AQ	1			1						X	A8
3D	MW-4A MSD		10/30/13	11:37:00 AM	JC	AQ	1			1						X	A8
3	MW-4A		10/30/13	11:37:00 AM	JC	AQ	1			1						X	A8
4	MW-XX		10/30/13	12:00:00 AM	JC	AQ	1			1						X	A8
5	FIELD BLANK 10/30		10/30/13	1:40:00 PM	JC	WFB	1			1						X	A8
																	6E,

Turnaround Time (Business days)

Approved By (Accutest PM): / Date:

- [ ] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [X] other Due 11/20/2013

Emergency & Rush T/A data available VIA Labiink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [X] Other NYASPB

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Tin	Received By:	Relinquished By:	Date Time:	Received By:
1		1 FX	2 FX	11/1/13 9.30	2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice / Cooler Temp.
5		5	[ ] Intact [ ] Not Intact	[ ]	[X] 2.0°

JB52306: Chain of Custody
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Accutest Labs of New England, Inc.

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB52306 **Client:** ACNJ **Immediate Client Services Action Required:** No

Date / Time Received: 11/13/2013 **Delivery Method:** **Client Service Action Required at Login:** No

Project: SUB **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments